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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/597,614

08/01/2006

Keiichi Tanaka

P30265

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52123 7590 05/11/2011
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EXAMINER

CHOWDHURY, NIGAR

ART UNIT

PAPER NUMBER

2484

NOTIFICATION DATE

DELIVERY MODE

05/11/2011

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gbpatent@gbpatent.com
pto@gbpatent.com

**Supplemental
Notice of Allowability**

Application No.

10/597,614

Examiner

NIGAR CHOWDHURY

Applicant(s)

TANAKA ET AL.

Art Unit

2484

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/27/2010.
2. ☒ The allowed claim(s) is/are 1-4,6-9 and 11-13.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2484

DETAILED ACTION

Reasons for Allowance

Claims 1-4, 6-9, 11-13 are allowed.

The following is an examiner's statement of reasons for allowance: The present invention is directed to a playback device for playing back a digital stream and an application in conjunction with each other.

The following is a statement of reasons for the indication of allowable subject matter: The independent claim 1 identifies the uniquely distinct feature for "a module unit having a first function of providing the application with one of the real parameters upon request by the application, and a second function of, upon request by the application, which has received the provision of the real parameter, to perform special playback control using the real parameter, controlling the playback unit such that the special playback is performed on the digital stream based on the real parameter used for the request of the special playback control"

The following is a statement of reasons for the indication of allowable subject matter: The independent claim 11 identifies the uniquely distinct feature for "a substep of providing the application with one of the real parameters upon request by the application; and a substep of, upon request by the application, which has received provision of the real parameter, to perform special playback control using the real parameter, controlling the playback unit such that the special playback is performed on the digital stream based on the real parameter used for the request of the special playback control".

The following is a statement of reasons for the indication of allowable subject matter: The independent claim 12 identifies the uniquely distinct feature for "a module unit having a function of expanding a variable that corresponds to a special playback rate, received from the application, into one of the plurality of real parameters that corresponds to the special playback rate, and a function of controlling the playback unit such that the special playback is performed on the digital stream based on the expanded real parameter."

The following is a statement of reasons for the indication of allowable subject matter: The independent claim 13 identifies the uniquely distinct feature for "a substep of expanding a variable that corresponds to a special playback rate, received from the application, into one of the plurality of real parameters that corresponds to the special playback rate; and a substep of controlling the playback unit such that the special playback is performed on the digital stream based on the expanded real parameter".

Kim et al., US 7,206,892 discloses the present invention relates to a method for managing playlists of a rewritable recording medium in order to prevent unlimited playback or illegal edition of television broadcast programs or movies wherein copyright protection is required. The present invention operates by adding information needed for automatic timed deletion of consecutively recorded clips of A/V streams and deletion time information into the playlists of a recording medium such as a high density

rewritable optical disc (BD-RW), whereby referring to the recorded information, the corresponding clips of A/V streams are automatically deleted.

Wood et al., US 6,360,053 discloses a method and apparatus providing for "instant replays" and "quick skip" functionality in a media playback device. In the case of an instant replay, under user control, the media playback moves temporally backwards. In the case of quick skip, under user control, the media playback moves temporally forward. In one embodiment, the temporal movement is based on a predetermined time (e.g., move back 5 seconds, move forward 30 seconds).

Hashimoto, US 4,873,584 discloses a VCR control system using a computer, wherein a list of all programs which were recorded in accordance with an individual program table within a predetermined period of time during a user's absence is displayed once on a display. If a user has no time to play back all the recorded programs in the order of the individual program table after he returns to his home, the order of playback can be specified or changed. This makes it possible for the user to watch the programs within a given period of time in the specified order by rewinding or fast forwarding the VCR according to that order.

None of the prior art, either singularly or in combination, fails to anticipate or render the above underlined limitations obvious. Claims 2-4, 6-8 are dependent on claim 1 and therefore dependent claims also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NIGAR CHOWDHURY whose telephone number is (571)272-8890. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/597,614

Page 6

Art Unit: 2484

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04/25/2011

/Thai Tran/

Supervisory Patent Examiner, Art Unit 2484